

ABSTRACT OF THE DISCLOSURE

In a process for producing (meth)acrylic acid comprising contacting a reaction gas containing (meth)acrylic acid obtained by gas-phase catalytic oxidation with an absorbent solvent to prepare a (meth)acrylic acid solution; and introducing the (meth)acrylic acid solution into a distillation column to purify (meth)acrylic acid, after a dissolved oxygen concentration in the (meth)acrylic acid solution to be introduced into the distillation column is adjusted to not less than 12 ppm by weight, the (meth)acrylic acid solution is fed to the distillation column. In addition, upon an azeotropic dehydration distillation step, a phenol-based polymerization inhibitor is fed to an azeotropic dehydration distillation column from a position not lower than a raw material feed stage thereof, and a copper-based polymerization inhibitor is fed to the azeotropic dehydration distillation column from a position lower than the raw material feed stage. According these methods, the production of polymers of (meth)acrylic acid and polymerization clogging in the distillation column are prevented, so that it is possible to stably purify (meth)acrylic acid by distillation for a long period of time.